

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/15871

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01F5/06 //H01M8/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01F H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 001, no. 113 (M-038), 29 September 1977 (1977-09-29) -& JP 52 050062 A (MARUZEN GIKON:KK), 21 April 1977 (1977-04-21) abstract	1,2,5,6
A	---	3,4,7-24
X	PATENT ABSTRACTS OF JAPAN vol. 003, no. 130 (M-078), 27 October 1979 (1979-10-27) -& JP 54 108063 A (KANEBO LTD), 24 August 1979 (1979-08-24) abstract	1,5
A	-----	2-4,6-24

☐ Further documents are listed in the continuation of box C.

☐ Patent family members are listed in annex.

* Special categories of cited documents :

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O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

& document member of the same patent family

Date of the actual completion of the international search

14 April 2004

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21/04/2004

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Information on patent family members

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Patent document cited in search report		Publication date		Patent family member(s)	Publication date
JP 52050062	A	21-04-1977	JP	1002618 C	27-06-1980
			JP	54027985 B	13-09-1979
JP 54108063	A	24-08-1979	JP	1132194 C	27-01-1983
			JP	57020842 B	01-05-1982